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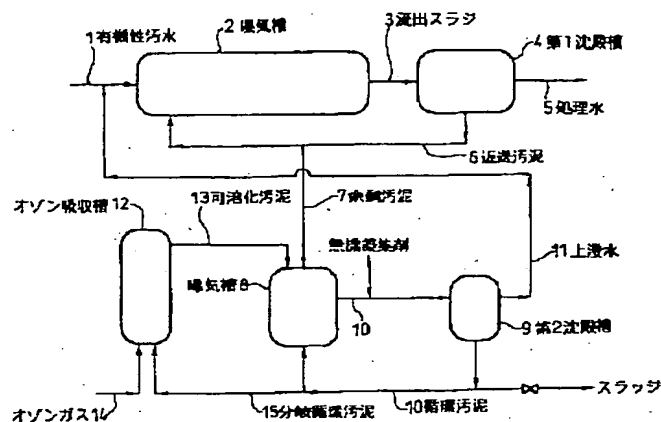
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APPLICANT : EBARA CORP;

INVENTOR : KATAOKA KATSUYUKI;

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TITLE : METHOD FOR REDUCTION OF
ORGANIC SLUDGE



ABSTRACT : PROBLEM TO BE SOLVED: To provide a new technology wherein organic sludge discharged outside a system can be remarkably reduced, and removal efficiency of COD is not deteriorated.

SOLUTION: In a method for clarification of organic wastewater wherein the organic wastewater is clarified by an activated sludge treatment process, and the clarified treated wastewater 5 is discharged outside a system, excess sludge 7 generated in the activated sludge treatment process in a purification stage is transferred to a reduction process of the organic sludge. In the reduction process, the excess sludge 7 is completely decomposed by passing it repetitively through an ozone oxidation process and an aeration process or the aeration process and the ozone oxidation process. Phosphorus and COD which are generated by decomposition of the excess sludge 7 are removed by a flocculation method in the reduction process of the organic sludge, and solid and liquid are separated.

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